subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS a below named inventor, I declare that I believe I am an original, first and joint inventor of the

he specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	(s):		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day Month/Year Filed)		

	Filing Date:	Application
1	17-Mar-2000	60/190,068
2	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6	07-Mar-1997	60/040,334
7	07-Mar-1997	60/040,336
8	07-Mar-1997	60/040,163
9	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
14.	23-May-1997	60/047,583
15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
17.	23-May-1997	60/047,503
18.	23-May-1997	60/047,592
19.	23-May-1997	60/047,581
20.	23-May-1997	60/047,584
21.	23-May-1997	60/047,500

22.	23-May-1997	60/047,587
23.	23-May-1997	60.047,492
24.	23-May-1997	60/047,598
25.	23-May-1997	60/047,613
26.	23-May-1997	60/047,582
27.	23-May-1997	60/047,596
28	23-May-1997	60/047,612
29	23-May-1997	60/047,632
30.	23-May-1997	60/047,601
31.	11-Apr-1997	60/043,580
32.	11-Apr-1997	60/043,568
33	11-Apr-1997	60/043,314
34 34	•	60/043,514
35.	11-Apr-1997	60/043,311
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36.	11-Apr-1997	60/043,671
37.	11-Apr-1997	60/043,674
38.	11-Apr-1997	60/043,669
39	11-Apr-1997	60/043,312
40	11-Apr-1997	60/043,313
41.	11-Apr-1997	60/043,672
42.	11-Apr-1997	60/043,315
43.	06-Jun-1997	60/048,974
44.	22-Aug-1997	60/056,886
45	22-Aug-1997	60/056,877
46.	22-Aug-1997	60/056,889
4 7.	22-Aug-1997	60/056,893
48.	22-Aug-1997	60/056,630
49. =0	22-Aug-1997	60/056,878
50	22-Aug-1997	60.056,662
51 52.	22-Aug-1997	60/056,872
	22-Aug-1997	60/056,882
53. 54.	22-Aug-1997 22-Aug-1997	60/056,637 60/056,903
55.	22-Aug-1997	60/056,888
56.	22-Aug-1997	
57.		60/056,879 60/056,880
	22-Aug-1997	and the second s
58. 59.	22-Aug-1997	60/056,894
60.	22-Aug-1997 22-Aug-1997	60/056,911
61	22-Aug-1997	60/056,874
62	22-Aug-1997	60/056,910
63.	22-Aug-1997	60/056,864
64.	22-Aug-1997	60/056,631
65.	22-Aug-1997	60/056,845
66	22-Aug-1997	60/056,892
67.	22-Aug-1997	60/057,761
68.	23-May-1997	60/047,595
69	23-May-1997	60/047,599
70	23-May-1997	60/047,588
71.	23-May-1997	60/047,585
72.	23-May-1997	60/047,585
73.	23-May-1997	60/047,590
73. 7 4	23-May-1997	60/047,590
7 5	23-May-1997	60/047,594
76.	23-May-1997	60/047,593
, 0.	23 May 1777	00/04/,5/5

77.	23-May-1997	60/047,614
78.	11-Apr-1997	60/043,578
79.	11-Apr-1997	60/043,576
80.	23-May-1997	60/047,501
81.	11-Apr-1997	60/043,670
82.	22-Aug-1997	60/056,632
83.	22-Aug-1997	60/056,664
84.	22-Aug-1997	60/056,876
85.	22-Aug-1997	60/056,881
86.	22-Aug-1997	60/056,909
87.	22-Aug-1997	60/056,875
88.	22-Aug-1997	60/056,862
89.	22-Aug-1997	60/056,887
90.	22-Aug-1997	60/056,908
91.	06-Jun-1997	60/048,964
92.	05-Sep-1997	60/057,650
93.	22-Aug-1997	60/056,884
94	05-Sep-1997	60/057,669
95.	13-Jun-1997	60/049,610
96.	02-Oct-1997	60/061,060
97.	08-Jul-1997	60/051,926
98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

09/809,391	16-Mar-2001	pending	
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned	
09/149,476	08-Sep-1998	pending	
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)	
PCT/US98/04493	06-Mar-1998	pending	
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)	

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

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Date:
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ove 13921 Falanovest 2d Citizensing. US
Granden Miles of Fr. 1910
: Paul E. Young
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Date: Mersburg, MD 20878 Citizenship: US
ve Citizenship: US
: John M. Greene
. John M. Greene
Date:
aithersburg, MD 20878 Citizenship: US
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Ann M. Ferrie
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nesda, MD 20817 Citizenship: US
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Inventor's signature: Havil Havil	Olso Date: 1/3/02
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Full name of additional joint inventor: Inventor's signature: Residence: 5810 Hall Street, Burke, VA 22015 Post Office Address: same as above	Carrie L. Fischer Date: 6 1/ 60 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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Inventor's signature:	Daw U.	long	Date: Date:	1.2
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Full name of additional jo	int inventor:	Yi Li		
Inventor's signature:			Date:	
Residence: 990-6 Alpine	Terrace, Sunnyvale.	CA 94086	Citizenship:	CN
Post Office Address:	same as above			
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Residence: 410 Shipwrigh	hter Way, Lansdale	PA 19446	Citizenship:	CN
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Full name of additional joi	nt inventor:	Hla Kyaw		
Inventor's signature:			D .	
Residence: 520 Sugarbush	Circle Frederick M	AD 21702 C:+:	Date:	
	same as above	VID 21/03 Citizo	enship: Myanmar	
- Cot Office Address.	same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the believe matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

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Prior Foreign Application	on(s):		Priority C	laimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
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6	07-Mar-1997	60/040,334
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10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
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18.	23-May-1997	60/047,592
19.	23-May-1997	60/047,581
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23.	23-May-1997	60/047,492	
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35.	11-Apr-1997	60/043,311	
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44.	22-Aug-1997	60/056,886	
45.	22-Aug-1997	60/056,877	
46.	22-Aug-1997	60/056,889	
4 7.	22-Aug-1997	60 056,893	
48.	22-Aug-1997	60.056,630	
49	22-Aug-1997	60:056,878	
50.	22-Aug-1997	60 056,662	
51.	22-Aug-1997	60/056,872	
52.	22-Aug-1997	60/056,882	
53.	22-Aug-1997	60/056,637	
54.	22-Aug-1997	60/056,903	
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56.	22-Aug-1997	60/056,879	
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59.	22-Aug-1997	60/056,911	
60.	22-Aug-1997	60/056,636	
61.	22-Aug-1997	60/056,874	
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66.	22-Aug-1997	60/056,892	
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70.	23-May-1997	60/047,588	
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74.	23-May-1997	60 047,594	
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76.	23-May-1997	60/047,593	

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98.	16-Jul-1997	60/052,874
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100.	18-Aug-1997	60/055,724

16-Mar-2001	pending
(Filing Date)	(Status: patented, pending, abandoned)
08-Sep-1998	pending
(Filing Date)	(Status: patented, pending, abandoned)
06-Mar-1998	pending
(Filing Date)	(Status: patented, pending, abandoned)
	(Filing Date) 08-Sep-1998 (Filing Date) 06-Mar-1998

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

Full name of first joint in	ventor:	Steven M. Ruben		
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Tost Office Address.	same as above			
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Post Office Address:	same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	(s):		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1	17-Mar-2000	60/190,068
2	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
14.	23-May-1997	60/047,583
15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
17.	23-May-1997	60/047,503
18.	23-May-1997	60/047,592
19.	23-May-1997	60/047,581
20.	23-May-1997	60/047,584
21.	23-May-1997	60/047,500

22.	23-May-1997	60/047,587	
23.	23-May-1997	60/047,492	
24.	23-May-1997	60/047,598	
25.	23-May-1997	60/047,613	
26.	23-May-1997	60/047,582	
27.	23-May-1997	60/047,596	
28.	23-May-1997	60/047,612	
29	23-May-1997	60/047,632	
	•	60/047,601	
30.	23-May-1997	60/043,580	
31.	11-Apr-1997	and the second second	
32.	11-Apr-1997	60/043,568	
33.	11-Apr-1997	60/043,314	
34.	11-Apr-1997	60/043,569	
35.	11-Apr-1997	60/043,311	
36.	11-Apr-1997	60/043,671	
37.	11-Apr-1997	60/043,674	
38.	11-Apr-1997	60/043,669	
39	11-Apr-1997	60/043,312	
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46.	22-Aug-1997	.60/056,889	
4 7.	22-Aug-1997	60/056,893	
48.	22-Aug-1997	60/056,630	
49	22-Aug-1997	60/056,878	
50.	22-Aug-1997	60/056,662	
51.	22-Aug-1997	60/056,872	***
52.	22-Aug-1997	60/056,882	
53.	22-Aug-1997	60/056,637	
54.	22-Aug-1997	60/056,903	
55.	22-Aug-1997	60/056,888	
56.	22-Aug-1997	60/056,879	
57.	22-Aug-1997	60/056,880	
58.	22-Aug-1997	60/056,894	
59.	22-Aug-1997	60/056,911	
60.	22-Aug-1997	60/056,636	
61.	22-Aug-1997	60/056,874	
62.	22-Aug-1997	60/056,910	
63.	22-Aug-1997	60/056,864	
64.	22-Aug-1997	60/056,631	
		60/056,845	
65.	22-Aug-1997		
66.	22-Aug-1997	60/056,892	
67.	22-Aug-1997	60/057,761	
68.	23-May-1997	60/047,595	
69.	23-May-1997	60/047,599	
70.	23-May-1997	60/047,588	
71.	23-May-1997	60/047,585	
72.	23-May-1997	60/047,586	
73.	23-May-1997	60/047,590	
74.	23-May-1997	60/047,594	
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76.	23-May-1997	60/047,593	

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81.	11-Apr-1997	60/043,670
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88.	22-Aug-1997	60/056,862
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90.	22-Aug-1997	60/056,908
91	06-Jun-1997	60/048,964
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93	22-Aug-1997	60/056,884
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95.	13-Jun-1997	60/049,610
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97.	08-Jul-1997	60/051,926
98	16-Jul-1997	60/052,874
99	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

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Date:	
tonsville, MD 20882 Citizenship: Us	S
Daniel R. Soppet	
Date:	
ille, VA 20120 Citizenship: US	S
Kenneth C. Carter	
Date:	
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Daniel P. Bednarik	
Daniel I. Dednarik	
Date:	
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Date:	<u>S</u>
Date:	S
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Date: a, MD 21046 Citizenship: Use Citizenship Citizen	
	Craig A. Rosen Date: tonsville, MD 20882 Citizenship: US Daniel R. Soppet Date: ille, VA 20120 Citizenship: US Kenneth C. Carter Date: ctomac, MD 20878 Citizenship: US

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Residence: 410 Van Dyke St. Apt. 115, St. Pau	1 MN 55119	Citizenship:	US
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Tost Office Address. Sum as above			
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Full name of additional joint inventor:	ZhiZhen Zeng		
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Full name of additional joint inventor:	Hla Kyaw		
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Post Office Address: same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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			Yes	No
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4.	07-Mar-1997	60/038,621
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Post Office A	ddress:	same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):			Priority Claime	
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

1.1	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
14.	23-May-1997	60/047,583
15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
17.	23-May-1997	60/047,503
18.	23-May-1997	60/047,592
19.	23-May-1997	60/047,581
20.	23-May-1997	60/047,584
21.	23-May-1997	60/047,500

22.	23-May-1997	60/047,587	
23.	23-May-1997	60/047,492	
24.	23-May-1997	60/047,598	
25.	23-May-1997	60/047,613	
26.	23-May-1997	60/047,582	
27.	23-May-1997	60/047,596	
28.	23-May-1997	60/047,612	
29.	23-May-1997	60/047,632	
30.	23-May-1997	60/047,601	
31.	11-Apr-1997	60/043,580	
32.	11-Apr-1997	60/043,568	
33.	11-Apr-1997	60/043,314	
34.	11-Apr-1997	60/043,569	
35.	11-Apr-1997	60/043,311	
36.	11-Apr-1997	60/043,671	
37.	11-Apr-1997	60/043,674	
38.	11-Apr-1997	60/043,669	
39.	11-Apr-1997	60/043,312	
40.	11-Apr-1997	60/043,313	
41.	11-Apr-1997	60/043,672	
42.	11-Apr-1997	60/043,315	
43.	06-Jun-1997	60/048,974	
44.	22-Aug-1997	60/056,886	
45.	22-Aug-1997	60/056,877	
46.	22-Aug-1997	60/056,889	
4 7.	22-Aug-1997	60/056,893	
48.	22-Aug-1997	60/056,630	
49.	22-Aug-1997	60/056,878	
50.	22-Aug-1997	60/056,662	
51.	22-Aug-1997	00/056,872	
52.	22-Aug-1997	60/056,882	
53	22-Aug-1997	60/056,637	
54.	22-Aug-1997	60/056,903	
55.	22-Aug-1997	60/056,888	
56.	22-Aug-1997	60/056,879	
57.	22-Aug-1997	60/056,880	
58.	22-Aug-1997	60/056,894	
59.	22-Aug-1997	60/056,911	
60.	22-Aug-1997	60/056,636	
61.	22-Aug-1997	60/056,874	
62.	-22-Aug-1997	60/056,910	
63.	22-Aug-1997	60/056,864	
64.	22-Aug-1997	60/056,631	
65.	22-Aug-1997	60/056,845	
66. 67.	22-Aug-1997	60/056,892	
	22-Aug-1997	60/057,761	
68. 69.	23-May-1997	60/047,595	
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71. 72.	23-May-1997 23-May-1997	60/047,585	
/ 2. 73.	23-May-1997		
73. 74.	23-May-1997 23-May-1997	60/047,590	
7 4. 75.	23-May-1997 23-May-1997	60/047,594 60/047,589	
75. 76.	23-May-1997	60/047,593	
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77.	23-May-1997	60/047,614	
78.	11-Apr-1997	60/043,578	
79	11-Apr-1997	60/043,576	
80.	23-May-1997	60/047,501	
81.	11-Apr-1997	60/043,670	
82.	22-Aug-1997	60/056,632	
83.	22-Aug-1997	60/056,664	
84.	22-Aug-1997	60/056,876	
85.	22-Aug-1997	60/056,881	
86.	22-Aug-1997	60/056,909	
87.	22-Aug-1997	60/056,875	
88.	22-Aug-1997	60/056,862	
89.	22-Aug-1997	60/056,887	
90.	22-Aug-1997	60/056,908	
91.	06-Jun-1997	60/048,964	
92.	05-Sep-1997	60/057,650	
93.	22-Aug-1997	60/056,884	
94.	05-Sep-1997	60/057,669	
95.	13-Jun-1997	60/049,610	
96.	02-Oct-1997	60/061,060	
_97.	08-Jul-1997	60/051,926	
98.	16-Jul-1997	60/052,874	
99.	12-Sep-1997	60/058,785	
100.	18-Aug-1997	60/055,724	

09/809,391	<u>16-Mar-2001</u>	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

Full name of first joint inventor:	Steven M. Ruben		
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	as above	- -	
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Full name of additional joint inv	entor: Gregory A. Endress		
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·			_	
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			Data	
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1 031 Office Address.	same as above			

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Inventor's signature:		Date:	
Residence: 550 Ortega Avenue, #420, Mountai		tizenship:	CN
Post Office Address: same as above	11 110W, C11 3 10 10 C1	tizensinp.	
Full name of additional joint inventor: K	imberly A. Florence		
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Full name of additional joint inventor: H	enrik S. Olsen		
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Inventor's signature:]	Date:	
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Post Office Address: same as above			
Full name of additional joint inventor: Re	einhard Ebner		
Inventor's signature:	I	Date:	
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Post Office Address: same as above			
Full name of additional joint inventor: La	urie A. Brewer		
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Full name of additional joint inventor: Pa	ul A. Moore		
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Post Office Address: same as above			

Full name of additional	joint inventor:	Yanggu Shi		
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Full name of additional	joint inventor:	David W. LaFleur		
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Full name of additional	joint inventor:	Yi Li		
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Full name of additional	joint inventor:	Hla Kyaw		
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Residence: 520 Sugarb	ush Circle, Frederick.	, MD 21703 Citizen		
Post Office Address:	same as above		•	
			· - · · · · · · · · · · · · · · · · · ·	

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applic	ation(s):		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9	23-May-1997	60/047,600
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11.	23-May-1997	60/047,597
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22.	23-May-1997	60/047,587
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35.	11-Apr-1997	60/043,311
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73.	23-May-1997	60/047,590
74. 	23-May-1997	60/047,594
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09/809,391	<u>16-Mar-2001</u>	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
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Full name of first joint inventor: St	even M. Ruben
Inventor's signature:	Date:
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Full name of additional joint inventor: <u>Cr</u>	aig A. Rosen
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Full name of additional joint inventor: Ken Inventor's signature: Residence: 11600 Brandy Hall Lane, North Poton	Date: $6/63/c$
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Full name of additional joint inventor: Dai	niel P. Bednarik
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	hter Way, Lansdale	, PA 19446	Citizenship:	CN
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Full name of additional jo	int inventor:	Hla Kyaw		
Inventor's signature:			Date:	
Residence: 520 Sugarbus		MD 21703 Citizen	ship: Myanmar	
Post Office Address:	same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	on(s):			
			Priority (<u>Claimed</u>
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

Y	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
14.	23-May-1997	60/047,583
15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
17.	23-May-1997	60/047,503
18.	23-May-1997	60/047,592
19.	23-May-1997	60/047,581
20.	23-May-1997	60/047,584
21.	23-May-1997	60/047,500

22.	23-May-1997	60/047,587	
23.	23-May-1997	60/047,492	
24.	23-May-1997	60/047,598	
25.	23-May-1997	60/047,613	
26.	23-May-1997	60/047,582	
27.	23-May-1997	60/047,596	
28.	23-May-1997	60/047,612	
29.	23-May-1997	60/047,632	
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34.	11-Apr-1997	60/043,569	
35.	11-Apr-1997	60/043,311	
36.	11-Apr-1997	60/043,671	
37.	11-Apr-1997	60/043,674	
38.	11-Apr-1997	60/043,669	
39.	11-Apr-1997	60/043,312	
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42.	11-Apr-1997	60/043,315	
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44.	22-Aug-1997	60/056,886	
45.	22-Aug-1997	60/056,877	
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4 7.	22-Aug-1997	60/056,893	
48.	22-Aug-1997	60/056,630	
49.	22-Aug-1997	60/056,878	
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51.	22-Aug-1997	60/056,872	
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55.	22-Aug-1997	60/056,888	
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61	22-Aug-1997	60/056,874	
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66.	22-Aug-1997	60/056,892	
67.	22-Aug-1997	60/057,761	
68.	23-May-1997	60/047,595	. ***
69.	23-May-1997	60/047,599	à.
70.	23-May-1997	60/047,588	
71.	23-May-1997	60/047,585	
72.	23-May-1997	60/047,586	
73.	23-May-1997	60/047,590	
74.	23-May-1997	60/047,594	
75.	23-May-1997	60/047,589	
76.	23-May-1997	60/047,593	
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77.	23-May-1997	60/047,614
78.	11-Apr-1997	60/043,578
79.	11-Apr-1997	60/043,576
80.	23-May-1997	60/047,501
81.	11-Apr-1997	60/043,670
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83.	22-Aug-1997	60/056,664
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85	22-Aug-1997	60/056,881
86	22-Aug-1997	60/056,909
87.	22-Aug-1997	60/056,875
88.	22-Aug-1997	60/056,862
89	22-Aug-1997	60/056,887
90.	22-Aug-1997	60/056,908
91.	06-Jun-1997	60/048,964
92.	05-Sep-1997	60/057,650
93	22-Aug-1997	60/056,884
94.	05-Sep-1997	60/057,669
95.	13-Jun-1997	60/049,610
96	02-Oct-1997	60/061,060
97.	08-Jul-1997	60/051,926
98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

16-Mar-2001	pending
(Filing Date)	(Status: patented, pending, abandoned)
08-Sep-1998	pending
(Filing Date)	(Status: patented, pending, abandoned)
06-Mar-1998	pending
(Filing Date)	(Status: patented, pending, abandoned)
	(Filing Date) 08-Sep-1998 (Filing Date) 06-Mar-1998

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

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Full name of additional joint inventor.	Daniel I. Deditalik		· /
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Tost Office Hadress.			
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run name of additional joint inventor.	Taur E. Toung		
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run name of additional joint inventor.	John W. Greene		
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run name of additional joint inventor.	THE PART CALL		
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Post Office Address: same as above	11 VIEW, CA 34040	Citizensinp.	<u> </u>
Post Office Address. Same as above			
Full name of additional joint inventor: <u>K</u>	imberly A. Florence		
Inventor's signature:		Date:	
Residence: 12805 Atlantic Avenue, Rockvil	le, MD 20851	Citizenship:	US
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Tun name of additional joint inventor.			
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Full name of additional joint inventor:	aurie A. Brewer		
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Full name of additional joint inventor: P	aui A. Mioort		
Inventor's signature:		Date:	
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Post Office Address: same as above			

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Post Office Address:	same as above			
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	Street, NW, Wash	ington, DC 20015	Citizenship:	US
Post Office Address:	same as above			
Full name of additional jo	int inventor:	Yi Li		
Inventor's signature:			Date:	
Residence: 990-6 Alpine		, CA 94086	Citizenship:	<u>CN</u>
Post Office Address:	same as above			· · · · · · · · · · · · · · · · · · ·
Full name of additional jo	int inventor:	ZhiZhen Zeng		
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Residence: 410 Shipwrig	hter Way, Lansdale	, PA 19446	Citizenship:	CN
Post Office Address:	same as above			
Full name of additional jo	int inventor:	Hla Kyaw		
Inventor's signature:			Date:	
Residence: 520 Sugarbus	h Circle, Frederick,	MD 21703 Citizens	ship: Myanmar	
Post Office Address:	same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applica	ation(s):		Priority (llaimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

·	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
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4.	07-Mar-1997	60/038,621
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8.	07-Mar-1997	60/040,163
9	23-May-1997	60/047,600
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11.	23-May-1997	60/047,597
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19.	23-May-1997	60/047,581
20.	23-May-1997	60/047,584
21.	23-May-1997	60/047,500

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23.	23-May-1997	60/047,492	
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30.	23-May-1997	60/047,601	
31.	11-Apr-1997	60/043,580	
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33.	11-Apr-1997	60/043,314	
34.	11-Apr-1997	60/043,569	
35.	11-Apr-1997	60/043,311	
36.	11-Apr-1997	60/043,671	
37.	11-Apr-1997	60/043,674	
38.	11-Apr-1997	60/043,669	
39.	11-Apr-1997	60/043,312	
40.	11-Apr-1997	60/043,313	
41.	11-Apr-1997	60/043,672	
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51.	22-Aug-1997	60/056,872	
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53.	22-Aug-1997	60/056,637	
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63.	22-Aug-1997	60/056,864	
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98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

09/809,391	16-Mar-2001	pending	
(Application Serial No.)	cation Serial No.) (Filing Date) (Status: patented, pending		
09/149,476	08-Sep-1998	pending	
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)	
PCT/US98/04493	06-Mar-1998	pending	
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)	

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

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. 00. 00		9.00		
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Residence: 22400 Ro	lling Hills Road, L	aytonsville, MD 20882	Citizenship:	US
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Inventorie cianeture:			Date:		
Inventor's signature: Residence: 122 Beckw	ith Street Gaithersh	urg MD 20878	Citizenship:	US	
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	y =				
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	-				
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rost Office Address.	Same as above				

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Full name of additional joint invento	Reinhard Ebner			
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Full name of additional jo	oint inventor:	Yi Li		
Inventor's signature:			Date:	
	Terrace, Sunnyval	e, CA 94086	Citizenship:	CN
Post Office Address:	same as above			
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As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

The specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applic	ation(s):		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
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15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
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21.	23-May-1997	60/047,500

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27.	23-May-1997	60/047,596
28.	23-May-1997	60/047,612
29.	23-May-1997	60/047,632
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36.	11-Apr-1997	60/043,671
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38.	11-Apr-1997	60/043,669
39.	11-Apr-1997	60/043,312
40.	11-Apr-1997	60/043,313
41	11-Apr-1997	60/043,672
42.	11-Apr-1997	60/043,315
43.	06-Jun-1997	60/048,974
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50.	22-Aug-1997	60/056,662
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61.	22-Aug-1997	60/056,874
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64.	22-Aug-1997	60/056,631
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66.	22-Aug-1997	60/056,892
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71.	23-May-1997	60/047,585
72.	23-May-1997	60/047,586
73.	23-May-1997	60/047,590
74.	23-May-1997	60/047,594
75.	23-May-1997	60/047,589
76.	23-May-1997	60/047,593

77.	23-May-1997	60/047,614	
78.	11-Apr-1997	60/043,578	
79.	11-Apr-1997	60/043,576	
80.	23-May-1997	60/047,501	
81.	11-Apr-1997	60/043,670	
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83.	22-Aug-1997	60/056,664	
84.	22-Aug-1997	60/056,876	
85.	22-Aug-1997	60/056,881	
86.	22-Aug-1997	60/056,909	
87.	22-Aug-1997	60/056,875	
88.	22-Aug-1997	60/056,862	
89.	22-Aug-1997	60/056,887	
90.	22-Aug-1997	60/056,908	
91.	06-Jun-1997	60/048,964	
92.	05-Sep-1997	60/057,650	
93.	22-Aug-1997	60/056,884	
94.	05-Sep-1997	60/057,669	
95.	13-Jun-1997	60/049,610	
96.	02-Oct-1997	60/061,060	
97.	08-Jul-1997	60/051,926	
98.	16-Jul-1997	60/052,874	
99.	12-Sep-1997	60/058,785	
100.	18-Aug-1997	60/055,724	

09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

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		Data	
Inventor's signature:	1. MNI 66110	Date:	LIC
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Full name o	f additional je	oint inventor:	David W. LaFleur		
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Post Office A		same as above			
	o 111.	• . •	71. 71 7		
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Residence:	410 Shipwrig	ghter Way, Lansdale	, PA 19446	Citizenship:	CN
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Eull name et	fadditional i	oint inventor:	Hla Kyaw		
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Post Office A		same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

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Prior Foreign Applicat	ion(s):		Priority C	Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
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41.	11-Apr-1997	60/043,672	
42.		60/043,315	
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09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
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PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

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Residence: 3142 Quesac	la Street, NW, Wa	ashington, DC 20015	Citizenship:	US
Post Office Address:	same as above		•	
Full name of additional jo	oint inventor:	Yi Li		
Inventor's signature:			Date:	
Residence: 990-6 Alpine	Terrace, Sunnyv	ale, CA 94086	Citizenship:	CN
Post Office Address:	same as above			
Full name of additional jo	oint inventor:	ZhiZhen Zeng		
v	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>	D. 4	
Inventor's signature:	1. 377 7 1	1 DA 10446	Date:	CN I
Residence: 410 Shipwri	<u> </u>	ale, PA 19446	Citizenship:	<u>CN</u>
Post Office Address:	same as above			
Full name of additional jo	oint inventor:	Hla Kyaw		
Inventor's signature:	**	~~ .	Date: 12	12:1
ě .	sh Circle, Erederic	ck, MD 21703 Citizens		' - /
Post Office Address:	same as above	CK, 171D 21705 CITIZONS	inp. <u>irijanina</u>	
1 Cot Office Madress.				

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

e specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applic	ation(s):		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
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7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
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11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
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15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
17.	23-May-1997	60/047,503
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25.	23-May-1997	60/047,613	
26.	23-May-1997	60/047,582	
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30.	23-May-1997	60/047,601	
31.	11-Apr-1997	60/043,580	
32	11-Apr-1997	60/043,568	
33.	11-Apr-1997	60/043,314	
34	11-Apr-1997	60/043,569	
35.	11-Apr-1997	60/043,311	
36.	11-Apr-1997	60/043,671	
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52	22-Aug-1997	60/056,882	
53	22-Aug-1997	60/056,637	
54	22-Aug-1997	60/056,903	
5.5	22-Aug-1997	60/056,888	
56.	22-Aug-1997	60/056,879	
57.	22-Aug-1997	60/056,880	
58.	22-Aug-1997	60/056,894	
59.	22-Aug-1997	60/056,911	
60.	22-Aug-1997	60/056,636	
61.	22-Aug-1997	60/056,874	
62.	22-Aug-1997	60/056,910	
63.	22-Aug-1997	60/056,864	
64	22-Aug-1997	60/056,631	
65.	22-Aug-1997	60/056,845	
66.	22-Aug-1997	60/056,892	
67.	22-Aug-1997	60/057,761	
68.	23-May-1997	60/047,595	
69.	23-May-1997	60/047,599	
70.	23-May-1997	60/047,588	
71.	23-May-1997	60/047,585	
72.	23-May-1997	60/047,586	
73.	23-May-1997	60/047,590	
74.	23-May-1997	60/047,594	
75.	23-May-1997	60/047,589	
76.	23-May-1997	60/047,593	
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77.	23-May-1997	60/047,614
78.	11-Apr-1997	60/043,578
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87.	22-Aug-1997	60/056,875
88.	22-Aug-1997	60/056,862
89.	22-Aug-1997	60/056,887
90.	22-Aug-1997	60/056,908
91.	06-Jun-1997	60/048,964
92.	05-Sep-1997	60/057,650
93.	22-Aug-1997	60/056,884
94.	05-Sep-1997	60/057,669
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97.	08-Jul-1997	60/051,926
98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

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1 ost Office Address. Same as above			
Full name of additional joint inventor:	Craig A. Rosen		
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Full name of additional joint inventor:	Daniel R. Soppet		
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Residence: 15050 Stillfield Place, Cen	treville VA 20120	Citizenship:	US
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Full name of additional joint inventor: Inventor's signature:	Kenneth C. Carter	Date:	
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Inventor's signature: Residence: 242 Gr	avatt Drive Berkele	v CA 94705	Citizenship:	US
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Post Office Address:	same as above			
Full name of additiona	l joint inventor:	Paul E. Young		
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Full name of additiona	d joint inventor:	D. Roxanne Duan		
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Inventor's signature:		Date:	
Residence: 550 Ortega Avenue, #420, Mounta	in View. CA 94040	Citizenship:	CN
Post Office Address: same as above			
Full name of additional joint inventor:	Kimberly A. Florence		
Inventor's signature:		Date:	
Residence: 12805 Atlantic Avenue, Rockvi	lle, MD 20851	 Citizenship:	US
Post Office Address: same as above			
E. H. C. 1194 and State Communications of the Communication of the Commu	Ionnik S. Olson		
Full name of additional joint inventor:	Henrik S. Olsen		
Inventor's signature:		Date:	
Residence: 182 Kendrick Place #24, Gaithersb	ourg. MD 20878	Citizenship:	DK
Post Office Address: same as above	3,11=		
out office Hadress.			
Full name of additional joint inventor:	Carrie L. Fischer		
		Б.,	
Inventor's signature:		Date:	LIC
Residence: 5810 Hall Street, Burke, VA 22015)	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Reinhard Ebner		
Inventor's signature:		Date:	
Residence: 9906 Shelburne Terrace #316, Gaitl	nersburg, MD 20878	Citizenship:	DE
Post Office Address: same as above			
	·		
Full name of additional joint inventor:	Laurie A. Brewer		
Inventorio girmatura:		Date:	
Inventor's signature: Residence: 410 Van Dyke St. Apt. 115, St. Par	nl MN 55119	Citizenship:	US
Post Office Address: same as above	ui, iviiv 55115	Citizensmp.	
Fost Office Address. Same as above			
Full name of additional joint inventor:	Paul A. Moore		
•		Dota	
Inventor's signature:	MD 20074	Date:	GB
Residence: 19005 Leatherbark Drive, German	town, MD 208/4	Citizenship:	<u> </u>
Post Office Address: same as above			

Full name of additional joint inventor:	Yanggu Shi		
Inventor's signature:		Date:	
Residence: 437 West Side Drive, Apt. 102,	Gaithersburg, MD 20878	Citizenship:	CN
Post Office Address: same as above			
Full name of additional joint inventor:	David W. LaFleur		
Inventor's signature:		Date:	
Residence: 3142 Quesada Street, NW, Was	shington, DC 20015	Citizenship:	US
Post Office Address: same as above			
Inventor's signature: Residence: 990-6 Alpine Terrace, Sunnyva Post Office Address: same as above	ile, CA 94086	Date: Citizenship:	CN
Full name of additional joint inventor:	ZhiZhen Zeng		
Inventor's signature:	m 7/	Date: Jim Citizenship:	2. Lui)
Residence: 410 Shipwrighter Way, Lansda	le, PA 19446	Citizenship:	CN
Post Office Address: same as above			
Full name of additional joint inventor:	Hla Kyaw		
Incontanta aigmatura		Date:	
Inventor's signature: Residence: 520 Sugarbush Circle, Frederic	k, MD 21703 Citizens		
	K, IVID 21705 CITIZONS	inp. injumu	
Post Office Address: same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

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Full name of first joint inventor:	Steven M. Ruben		
Inventor's signature:		Date:	
Residence: 18528 Heritage Hills Drive	e, Olney, MD 20832	Citizenship:	US
Post Office Address: same as above	,	* * * * * * * * * * * * * * * * *	
Full name of additional joint inventor:	Craig A. Rosen		
Inventor's signature:		Date:	
Residence: 22400 Rolling Hills Road,	Laytonsville, MD 20882	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Daniel R. Soppet		
•		D	
Inventor's signature:		Date:	TIC
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Full name of additional joint inventor:	Kenneth C. Carter		
- -		Б.,	
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Full name of additional joint inventor:	Daniel P. Bednarik		
2 un nume of unumount joins and constant			
Inventor's signature:		Date:	
Residence: 8822 Blue Sea Drive, Colu	mbia, MD 21046	_ Citizenship:	US
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Full name of additional joint inventor:	Gregory A. Endress		
-		_	
Inventor's signature:		Date:	- T. T. C.
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Full name of additional joint invent	tor: Paul E. Young		
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Full name of additional joint invent	tor: John M. Greene		
Inventor's signature:	•	Date:	
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Full name of additional joint invent	tor: Ann M. Ferrie		
Inventor's signature:		Date:	
Residence: 9364 Woodcrest Drive, Pa	ninted Post, NY 14870	Citizenship:	US
Post Office Address: same as a	above		
Full name of additional joint invent	tor: D. Roxanne Duan		
Inventor's signature:		Date: 1/2	,Q / ~
Residence: 5515 Northfield Road, I	Rethesda MD 20817	Date: <u>\@/@</u> Citizenship:	US
Post Office Address: same as a			
1 Cot Office / Idai Coo. Same as t			

Full name of additional joint inventor:	Jing-Shan Hu		
Inventoria gianotura:		Date:	
Inventor's signature: Residence: 550 Ortega Avenue, #420, Moun	tain View CA 94040	Citizenship:	CN
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Post Office Address: same as above	, , , , , , , , , , , , , , , , , , , ,	<u> </u>	
Tost Office Madress.			
Full name of additional joint inventor:	Henrik S. Olsen		
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Post Office Address: same as above		· ·	-
Full name of additional joint inventor:	Carrie L. Fischer		
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Post Office Address: same as above			
Full name of additional joint inventor:	Reinhard Ebner		
Inventor's signature:		Date:	
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Full name of additional joint inventor:	Laurie A. Brewer		
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Post Office Address: same as above		-	
Full name of additional joint inventors	Paul A. Moore		
Full name of additional joint inventor:	raura, moure		
Inventor's signature:		Date:	
Residence: 19005 Leatherbark Drive, Germa	ntown, MD 20874	Citizenship:	GB
Post Office Address: same as above		-	

Full name of	additional jo	int inventor:	Yanggu Shi		
Inventor's sig	nature:			Date:	
		Drive, Apt. 102, G	aithersburg, MD 208	78 Citizenship:	CN
Post Office A		same as above			
Full name of	additional jo	int inventor:	David W. LaFleur		
Inventor's sig	nature:			Date:	
		a Street, NW, Wash	ington, DC 20015	Citizenship:	US
Post Office A		same as above			
Full name of	additional jo	int inventor:	Yi Li		
Inventor's sign				Date:	
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Post Office A	ddress:	same as above			
Full name of	additional jo	int inventor:	ZhiZhen Zeng		
Inventor's sign	nature:			Date:	
		hter Way, Lansdale	PA 19446	Citizenship:	CN
Post Office A	ddress:	same as above			
Full name of	additional jo	int inventor:	Hla Kyaw		
Inventor's sig	nature:			Date:	
		sh Circle, Frederick,	MD 21703 Citize	enship: Myanmar	
Post Office A		same as above			

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)):		Priority C	`laimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
14.	23-May-1997	60/047,583
15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
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21.	23-May-1997	60/047,500

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23.	23-May-1997	60/047,492
24.	23-May-1997	60/047,598
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31.	11-Apr-1997	60/043,580
32.	11-Apr-1997	60/043,568
33.	11-Apr-1997	60/043,314
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35.	11-Apr-1997	60/043,311
36	11-Apr-1997	60/043,671
37.	11-Apr-1997	60/043,674
38.	11-Apr-1997	60/043,669
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49.	22-Aug-1997	60/056,878
50	22-Aug-1997	60/056,662
51	22-Aug-1997	60/056,872
52.	22-Aug-1997	60/056,882
53.	22-Aug-1997	60/056,637
54.	22-Aug-1997	60/056,903
55.	22-Aug-1997	60/056,888
56.	22-Aug-1997	60/056,879
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67.	22-Aug-1997	60/057,761
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74.	23-May-1997	60/047,594
75.	23-May-1997	60/047,589
76.	23-May-1997	60/047,593

77.	23-May-1997	60/047,614
78.	11-Apr-1997	60/043,578
79.	11-Apr-1997	60/043,576
80.	23-May-1997	60/047,501
81.	11-Apr-1997	60/043,670
82.	22-Aug-1997	60/056,632
83.	22-Aug-1997	60/056,664
84	22-Aug-1997	60/056,876
85.	22-Aug-1997	60/056,881
86.	22-Aug-1997	60/056,909
87.	22-Aug-1997	60/056,875
88.	22-Aug-1997	60/056,862
89	22-Aug-1997	60/056,887
90.	22-Aug-1997	60/056,908
91.	06-Jun-1997	60/048,964
92	05-Sep-1997	60/057,650
93	22-Aug-1997	60/056,884
94.	05-Sep-1997	60/057,669
95.	13-Jun-1997	60/049,610
96.	02-Oct-1997	60/061,060
97.	08-Jul-1997	60/051,926
98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

Full name of first joint in	iventor: St	even M. Ruben		
Inventor's signature:			Date:	
Residence: 18528 H	eritage Hills Drive, Olne	ey, MD 20832	Citizenship:	US
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	_			
Full name of additional j	oint inventor: <u>Cr</u>	aig A. Rosen		
Inventor's signature:			Date:	
Residence: 22400 Ro	olling Hills Road, Layton	sville, MD 20882	Citizenship:	US
Post Office Address:	same as above		_	
Full name of additional j	oint inventor: Da	niel R. Soppet		
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Inventor's signature:	Vaniel K	Neppet	Date://	W10Z
Residence: 15050 St	Ilfield Place, Centreville	, VA 20120	Citizenship:	US
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Full name of additional j	oint inventor: <u>Ke</u>	nneth C. Carter		
Inventor's signature:			Date:	
Residence: 11600 Brand	y Hall Lane, North Poton	nac, MD 20878	Citizenship:	US
Post Office Address:	same as above		•	
Full name of additional j	oint inventor: Da	niel P. Bednarik		
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Inventor's signature:			Date:	
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Post Office Address:	same as above			
Full name of additional j	oint inventor: Great	egory A. Endress		
Inventor's signature:			Date:	
_	ge Road, Florence, MA 0	1062	Citizenship:	US
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Full name of additional	joint inventor:	Guo-Liang Yu		
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1 ost Office Address.	Same as above			
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Full name of additional	joint inventor:	Ping Feng		
Inventor's signature:			Date:	
Residence: 4 Relda	Court, Gaithersburg	g, MD 20878	Citizenship:	US
Post Office Address:				
Full name of additional	joint inventor:	Paul E. Young		
Inventor's signature:			Date:	
Residence: 122 Beckwi	th Street, Gaithersb	urg, MD 20878	Citizenship:	US
Post Office Address:	same as above			
Full name of additional	joint inventor:	John M. Greene		
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Inventor's signature:			Date:	
	rest Drive, Painted P	ost, NY 14870	Citizenship:	US
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	as above			
		721 1 1 A FI		
Full name of additional joint inve	entor:	Kimberly A. Florence	<u> </u>	
Inventor's signature:			Date:	
Residence: 12805 Atlantic Av	venue, Roc	kville, MD 20851	Citizenship:	US
Post Office Address: same a	as above			
Full name of additional joint invo	entor:	Henrik S. Olsen		
			Data	
Inventor's signature:	<u> </u>	1 20070	Date:	DV
Residence: 182 Kendrick Place		ersburg, MD 208/8	Citizenship:	DK
Post Office Address: same a	as above			
Full name of additional joint inv	antan.	Carrie L. Fischer		
Full name of additional joint invo	entor.	Carrie L. Fischer		
Inventor's signature:			Date:	
Residence: 5810 Hall Street, Bu	rke, VA 22	015	Citizenship:	US
Post Office Address: same a	as above			
Full name of additional joint invo	entor:	Reinhard Ebner		
Inventor's signature:			Date:	
Residence: 9906 Shelburne Terra	ice #316, G	aithersburg, MD 20878	Citizenship:	DE
	as above			
Full name of additional joint invo	entor:	Laurie A. Brewer		
Inventor's signature:			Date:	
Residence: 410 Van Dyke St. Ap	pt. 115. St.	Paul. MN 55119	 Citizenship:	US
	as above			
Full name of additional joint invo	entor:	Paul A. Moore		
Inventor's signature:			Date:	
Residence: 19005 Leatherbark D	Drive, Germ	nantown, MD 20874	Citizenship:	GB
	as above		_	

Full name of additional j	oint inventor:	Yanggu Shi		
Inventor's signature:			Date:	
Residence: 437 West Sig	le Drive, Apt. 102, 0	Gaithersburg, MD 20878	Citizenship:	CN
Post Office Address:	same as above	<i>y</i>		
Full name of additional j	oint inventor:	David W. LaFleur		
Inventor's signature:			Date:	
Residence: 3142 Quesa	da Street, NW, Was	hington, DC 20015	Citizenship:	US
Post Office Address:	same as above			
Full name of additional j	oint inventor:	Yi Li		
Inventor's signature:			Date:	
Residence: 990-6 Alpin	e Terrace, Sunnyval	e, CA 94086	Citizenship:	_CN_
Post Office Address:	same as above			
Full name of additional j	oint inventor:	ZhiZhen Zeng		
Inventor's signature:			Date:	
Residence: 410 Shipwri	ghter Way, Lansdale	e, PA 19446	Citizenship:	_CN_
Post Office Address:	same as above			
Full name of additional j	oint inventor:	Hla Kyaw		
Inventor's signature:			Date:	
Residence: 520 Sugarbı	ısh Circle, Frederick	, MD 21703 Citizens	hip: Myanmar	
Post Office Address:	same as above			<u> </u>

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

Thereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applic	ation(s):			~
			Priority C	<u> laimed</u>
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
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09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

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Full name of first joint inventor:	Steven M. Ruben		
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Residence: 18528 Heritage Hills Dri	ive Olney MD 20832	Citizenship:	US
Post Office Address: same as above		_ = 0.0000000000000000000000000000000000	
1 Ost Office / Address. Same as above			-
Full name of additional joint inventor:	Craig A. Rosen		
Inventor's signature:		Date:	
	d, Laytonsville, MD 20882	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Daniel R. Soppet		
-		Date:	
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Post Office Address: same as above		_ Citizensinp.	
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Sum de decis			
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Full name of additional	joint inventor:	Guo-Liang Yu		
Inventoria cianeturo:			Date:	
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rost Office Address.	same as above			
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Full name of additional	joint inventor:	Ping Feng		
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Full name of additional	joint inventor:	Paul E. Young		
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Post Office Address:	same as above			
Full name of additional	joint inventor:	John M. Greene		
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Post Office Address:	same as above			
Full name of additional	joint inventor:	D. Roxanne Duan		
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_	field Road, Betheso	la, MD 20817	Citizenship:	US
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Post Office Address: same as above		·	
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Residence: 12805 Atlantic Avenue, Ro	ockville, MD 20851	Citizenship:	US
Post Office Address: same as above	,	•	
Tost Office Address.			
Full name of additional joint inventor:	Henrik S. Olsen		
		Data	
Inventor's signature:	1 1 MD 20070	Date:	DK
Residence: 182 Kendrick Place #24, Gait	hersburg, MD 20878	Citizenship:	_DK
Post Office Address: same as above			
Full name of additional joint inventor:	Carrie L. Fischer		
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Inventor's signature:	22015	Date Citizenship:	US
Residence: 5810 Hall Street, Burke, VA	22013	Citizensinp.	_05
Post Office Address: same as above			
Full name of additional joint inventor:	Reinhard Ebner		
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Post Office Address: same as above			
The second secon	Laurie A. Brewer		
Full name of additional joint inventor:	Laurie A. Brewei		
Inventor's signature: haurie	A Brown	Date: 2/2	utez
Residence: 410 Van Dyke St. Apt. 145, S	St. Paul, MN 55119	Citizenship:	US
Post Office Address: same as above	CAP Shulei		
	David A. 84		
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DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

Thereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applic	ation(s):		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	,	

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
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14.	23-May-1997	60/047,583
15.	23-May-1997	60/047,617
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17.	23-May-1997	60/047,503
18.	23-May-1997	60/047,592
19.	23-May-1997	60/047,581
20.	23-May-1997	60/047,584
21.	23-May-1997	60/047,500

22.	23-May-1997	60/047,587
23.	23-May-1997	60/047,492
24.	23-May-1997	60/047,598
25.	23-May-1997	60/047,613
26.	23-May-1997	60/047,582
27.	23-May-1997	60/047,596
28.	23-May-1997	60/047,612
29.	23-May-1997	60/047,632
30.	23-May-1997	60/047,601
31.	11-Apr-1997	60/043,580
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33.	11-Apr-1997	60/043,314
34.	11-Apr-1997	60/043,569
35.	11-Apr-1997	60/043,311
36.	11-Apr-1997	60/043,671
37.	11-Apr-1997	60/043,674
38.	11-Apr-1997	60/043,669
39.	11-Apr-1997	60/043,312
40.	11-Apr-1997	60/043,313
41.	11-Apr-1997	60/043,672
42.	11-Apr-1997	60/043,315
43.	06-Jun-1997	60/048,974
44.	22-Aug-1997	60/056,886
45.	22-Aug-1997	60/056,877
46.	22-Aug-1997	60/056,889
47.	22-Aug-1997	60/056,893
48.	22-Aug-1997	60/056,630
49.	22-Aug-1997	60/056,878
50.	22-Aug-1997	60/056,662
51.	22-Aug-1997	60/056,872
51. 52.	22-Aug-1997	60/056,882
53.	22-Aug-1997	60/056,637
54.	22-Aug-1997	60/056,903
55.	22-Aug-1997	60/056,888
56.	22-Aug-1997	60/056,879
57.	22-Aug-1997	60/056,880
58.	22-Aug-1997	60/056,894
59.	22-Aug-1997	60/056,911
60.	22-Aug-1997	60/056,636
61.	22-Aug-1997	60/056,874
62.	22-Aug-1997	60/056,910
63.	22-Aug-1997	60/056,864
64.	22-Aug-1997	60/056,631
65.	22-Aug-1997	60/056,845
66.	22-Aug-1997	60/056,892
67.	22-Aug-1997	60/057,761
68.	23-May-1997	
69.	23-May-1997 23-May-1997	60/047,595 60/047,599
70.	23-May-1997 23-May-1997	60/047,588
70. 71.	23-May-1997 23-May-1997	60/047,588
71. 72.	23-May-1997 23-May-1997	60/047,586
72. 73.	23-May-1997 23-May-1997	60/047,586
73. 74.	•	
74. 75.	23-May-1997 23-May-1997	60/047,594 60/047,589
75. 76.	23-May-1997 23-May-1997	60/047,589
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77.	23-May-1997	60/047,614
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83	22-Aug-1997	60/056,664
84	22-Aug-1997	60/056,876
85.	22-Aug-1997	60/056,881
86.	22-Aug-1997	60/056,909
87.	22-Aug-1997	60/056,875
88.	22-Aug-1997	60/056,862
89.	22-Aug-1997	60/056,887
90.	22-Aug-1997	60/056,908
91.	06-Jun-1997	60/048,964
92.	05-Sep-1997	60/057,650
93.	22-Aug-1997	60/056,884
94.	05-Sep-1997	60/057,669
95.	13-Jun-1997	60/049,610
96.	02-Oct-1997	60/061,060
97.	08-Jul-1997	60/051,926
98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(b) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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